



# SSR80C-8H SINGLE DRUM ROLLER



## Extended life time

- ◆ The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- ◆ Double filtration of engine high intake air, the hydraulic system contains three stage filtration.

## High efficiency

- ◆ 10% greater excitation force than other products in the same category resulting in 16.7% greater production.

## Operator comfort

- ◆ Cab mounted on vibration damping mounts
- ◆ Cab temperature control
- ◆ Operator control forces have been reduced

## Safety features

- ◆ Rounded bumpers front and rear
- ◆ Large rear glass and sloped hood for greater visibility

## Technical specifications

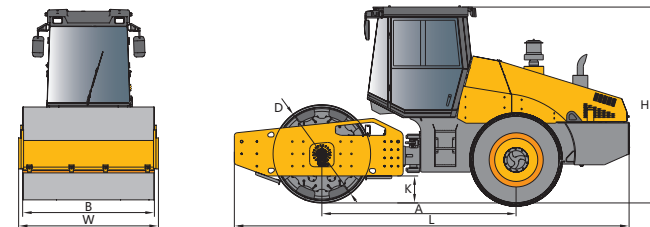
Model		SSR80C-8H
Load	Operating mass (kg)	7330
	Mass allocated to vibrating drum (kg)	3750
	Mass allocated to driving axle (kg)	3580
	Static linear load of vibrating drum (N/cm)	219
Compaction	Vibration frequency (Hz)	29.5/33.5
	Nominal amplitude (mm)	1.9/1.2
	Centrifugal force (kN)	132/110
	Diameter of vibrating drum (mm)	1215
	Width of vibrating drum (mm)	1676
	Vibrating drum rim thickness (mm)	20
Maneuverability	Travel speed (km/h)	0~4.5
		0~6.5
		0~8.5
		0~11.5
	Theoretical gradeability	60%
	Min. ground clearance (mm)	376
	Wheelbase (mm)	2675
	Steering angle (° )	± 37
	Swing angle (° )	± 12
	Min. turning outer diameter (mm)	9750
	Tire specification	14.9R24
Engine	Brand	YANMAR
	Model	4TNV98CT-VSY
	Emission	Stage V
	Rated power (kW)	53.7
Capacities	Battery (V × Ah)	12 × 120
	Fuel tank (L)	130
	Hydraulic oil tank (L)	65

## Standard configurations

Config.	Systems	Description	Qty	Details		Remarks
Standard confi.	Main machine	SSR80(EU) single drum roller, standard	1	1. Engine 2. Travel pump 3. Vibration pump 4. Travel motor 5. Vibration motor 6. Reduction gears 7. Operating platform 8. Vibratory drum (Smooth)	9. Electrical system 10. Operating system 11. Front frame 12. Rear frame 13. Covering part 14. Rear axle assembly 15. Center articulated frame 16. Cab+Air Con	
Optional confi.	Vibratory drum with welded pad foot	Drum with welded pad foot	1	Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base		Substitute smooth drums permissible
	Vibratory drum with assembled pad foot	Drum with assembled pad foot	1	Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base		Optional

## Dimensions

Size code	SSR80C-8H
A(mm)	2685
W(mm)	1830
L(mm)	5160
D(mm)	1215
H(mm)	3015
B(mm)	1676
K(mm)	376



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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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